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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Public Health Service

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June 24, 1988

National Toxicology Program; Chemicals (8) Nominated for Toxicological Studies; Request for Comments

SUMMARY: On May 10, 1988, the Chemical Evaluation Committee (CEC) of the **National Toxicology Program** (NTP) met to review eight chemicals nominated for toxicology studies and to recommend the types of studies to be performed, if any. With this notice, the NTP solicits public comments on the eight chemicals.

FOR FURTHER INFORMATION CONTACT: Dr. Victor A. Fung, Chemical Selection Coordinator, **National Toxicology Program,** Room 2B55, Building 31, National Institutes of Health, Bethesda, Maryland 20892, (301) 496-3511.

TEXT: SUPPLEMENTARY INFORMATION: As part of the chemical selection process of the National Toxicology Program, nominated chemicals which have been reviewed by the NTP Chemical Evaluation Committee (CEC) are published with request for comment in the Federal Register. This is done to encourage active participation in the NTP chemical evaluation process, thereby helping the NTP to make more informed decisions as to whether to select, defer or reject chemicals for toxicology study. Comments and data submitted in response to this request are reviewed and summarized by NTP technical staff, are forwarded to the NTP Board of Scientific Counselors for use in their evaluation of the nominated chemicals, and then to the NTP Executive Committee for decision-making. The NTP chemical selection process is summarized in the Federal Register, April 14, 1981 (46 FR 21828), and also in the NTP FY 1987 *Annual Plan,* pages 17-19.

On May 10, 1988, the CEC met to evaluate eight chemicals nominated to the NTP for toxicological studies. The following table lists the chemicals, their Chemical Abstract Service (CAS) registry numbers, and the types of toxicological studies recommended by the CEC at the meeting.

Chemical	CAS Registry No.	Committee recommendations
b -Cadinene	523-47-7	No testing.
Diphenylamine	122-39-4	Carcinogenicity. Reproductive effects.
Firemaster 680	37853-59-1	Chemical disposition. Subchronic studies.
Isobutene	115-11-7	Carcinogenicity.
Methacrylonitrile	126-98-7	Chemical disposition. Carcinogenicity.
Phenylpropanolamine hydrochloride	154-41-6	Salmonella. In vivo cytogenetics. Subchronic studies.
Trichloromelamine	7673-09-8 and 12379-38-3	Chemical analysis and stability studies, including identification of hydrolysis products. Carcinogenicity.
Zinc oxide	1314-13-2	Carcinogenicity.

Five of the eight chemicals have been previously selected for study by the NTP. b -Cadinene was non-mutagenic in Salmonella and in the mouse lumphoma assays. It was negative for chromosomal aberrations and equivocal for sister chromatid exchanges in Chinese hamster ovary cells. Diphenylamine and Firemaster 680 were non-mutagenic is Sal-

monella. Methacrylonitrile was non-mutagenic in Salmonella, and did not induce sex-linked recessive lethal mutations in Drosophila. Trichloromelamine is on test in Salmonella.

Interested parties are requested to submit pertinent information. The following types of data are of particular relevance:

(1) Modes of production, present production levels, and occupational exposure potential.

(2) Uses and resulting exposure levels, where known.

(3) Completed, ongoing and/or planned toxicologic testing in the private sector including detailed experimental protocols and results, in the case of completed studies.

(4) Results of toxicological studies of structurally related compounds.

Please submit all information in writing by July 25, 1988. Any submissions received after the above date will be accepted and utilized where possible.

Dated: June 21, 1988.

David P. Rall,

Director, National Toxicology Program.
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